Richard Smith

List of Publications by Year
in descending order

20 papers	646 citations	687363 13 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	763 citing authors

#	Article	IF	Citations
1	Production and Quality Assurance of Solid Recovered Fuels Using Mechanicalâ€"Biological Treatment (MBT) of Waste: A Comprehensive Assessment. Critical Reviews in Environmental Science and Technology, 2010, 40, 979-1105.	12.8	94
2	Wastes as Co-Fuels:Â The Policy Framework for Solid Recovered Fuel (SRF) in Europe, with UK Implications. Environmental Science & Technology, 2007, 41, 4868-4874.	10.0	75
3	Bioassays for the Evaluation of Landfill Leachate Toxicity. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2009, 12, 83-105.	6.5	74
4	Comparison of coal/solid recovered fuel (SRF) with coal/refuse derived fuel (RDF) in a fluidised bed reactor. Waste Management, 2011, 31, 1176-1183.	7.4	74
5	An integrated appraisal of energy recovery options in the United Kingdom using solid recovered fuel derived from municipal solid waste. Waste Management, 2009, 29, 2289-2297.	7.4	64
6	Assessment of municipal waste compost as a daily cover material for odour control at landfill sites. Environmental Pollution, 2005, 135, 171-177.	7.5	62
7	Recent developments in the application of risk analysis to waste technologies. Environment International, 2006, 32, 1010-1020.	10.0	32
8	Assessing significant harm to terrestrial ecosystems from contaminated land. Soil Use and Management, 2005, 21, 527-540.	4.9	27
9	Biochar and Energy Production: Valorizing Swine Manure through Coupling Co-Digestion and Pyrolysis. Journal of Carbon Research, 2020, 6, 43.	2.7	25
10	European household waste management schemes: Their effectiveness and applicability in England. Resources, Conservation and Recycling, 2007, 51, 248-263.	10.8	20
11	Anaerobic digestion of fourth range fruit and vegetable products: comparison of three different scenarios for its valorisation by life cycle assessment and life cycle costing. Environmental Monitoring and Assessment, 2020, 192, 551.	2.7	19
12	Evaluating fugacity models for trace components in landfill gas. Environmental Pollution, 2006, 144, 1013-1023.	7.5	17
13	Feasibility of Coupling Anaerobic Digestion and Hydrothermal Carbonization: Analyzing Thermal Demand. Applied Sciences (Switzerland), 2021, 11, 11660.	2.5	14
14	Spray irrigation of landfill leachate: estimating potential exposures to workers and bystanders using a modified air box model and generalised source term. Environmental Pollution, 2005, 133, 587-599.	7.5	13
15	Performance evaluation of a small-scale digester for achieving decentralised management of waste. Waste Management, 2020, 118, 99-109.	7.4	12
16	Estimating Pollutant Removal Requirements for Landfills in the UK: II. Model Development. Environmental Technology (United Kingdom), 2006, 27, 1323-1333.	2.2	6
17	Estimating Pollutant Removal Requirements for Landfills in the UK: I. Benchmark Study and Characteristics of Waste Treatment Technologies. Environmental Technology (United Kingdom), 2006, 27, 1309-1321.	2.2	6
18	Estimating Pollutant Removal Requirements for Landfills in the UK: III. Policy Analysis and Operational Implications. Environmental Technology (United Kingdom), 2007, 28, 25-32.	2.2	6

#	Article	IF	Citations
19	Energy Balance of Turbocharged Engines Operating in a WWTP with Thermal Hydrolysis. Co-Digestion Provides the Full Plant Energy Demand. Applied Sciences (Switzerland), 2021, 11, 11103.	2.5	6
20	Call for Emergency Action to Limit Global Temperature Increases, Restore Biodiversity, and Protect Health: Wealthy nations must do much more, much faster. Turkish Archives of Otorhinolaryngology, 2021, 59, 162-165.	0.0	0